

WATER COLUMN PROFILING FOR CMP 2
02-02-2015

| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
|------------|----------|----------|---------|-------|-------|----------|----------------|---------|------------|------|----------|--------|-----------|
| Downstream | 815239.0 | 819037.9 | Mid Ebb | 6.9 | 17.32 | 30.57 | 4.2 | 93.7 | 7.48 | 8.09 | 10:19:55 | 191.80 | 191.8 |
| | | | | 5.8 | 17.32 | 30.57 | 4.7 | 94.0 | 7.51 | 8.10 | 10:21:11 | 250.10 | 250.1 |
| | | | | 4.7 | 17.33 | 30.56 | 4.3 | 94.7 | 7.56 | 8.11 | 10:22:19 | 114.60 | 114.6 |
| | | | | 4.0 | 17.35 | 30.56 | 4.2 | 94.9 | 7.57 | 8.11 | 10:23:33 | 110.40 | 110.4 |
| | | | | 3.1 | 17.35 | 30.56 | 4.4 | 95.4 | 7.61 | 8.12 | 10:25:12 | 121.30 | 121.3 |
| | | | | 2.3 | 17.39 | 30.55 | 4.2 | 95.9 | 7.65 | 8.12 | 10:26:17 | 40.10 | 40.1 |
| | | | | 0.9 | 17.39 | 30.55 | 4.1 | 96.0 | 7.66 | 8.13 | 10:27:36 | 268.30 | 268.3 |
| | | | | 7.0 | 17.33 | 30.56 | 4.2 | 94.4 | 7.54 | 8.12 | 10:29:37 | 196.40 | 196.4 |
| | | | | 5.8 | 17.33 | 30.57 | 4.2 | 94.0 | 7.51 | 8.12 | 10:31:39 | 158.80 | 158.8 |
| | | | | 5.0 | 17.33 | 30.57 | 4.3 | 93.9 | 7.50 | 8.11 | 10:33:03 | 274.30 | 274.3 |
| | | | | 4.2 | 17.33 | 30.57 | 4.1 | 94.2 | 7.52 | 8.11 | 10:35:02 | 23.10 | 23.1 |
| | | | | 3.0 | 17.34 | 30.56 | 4.1 | 95.0 | 7.59 | 8.12 | 10:36:37 | 104.40 | 104.4 |
| | | | | 2.0 | 17.43 | 30.54 | 4.3 | 96.2 | 7.67 | 8.13 | 10:38:05 | 65.50 | 65.5 |
| | | | | 1.2 | 17.45 | 30.54 | 4.0 | 96.4 | 7.68 | 8.13 | 10:39:10 | 129.20 | 129.2 |
| | | | | 6.5 | 17.35 | 30.61 | 31.1 | 91.9 | 7.33 | 8.11 | 10:43:31 | 314.50 | 314.5 |
| | | | | 5.9 | 17.34 | 30.59 | 9.5 | 92.4 | 7.38 | 8.11 | 10:45:25 | 356.70 | 356.7 |
| | | | | 5.1 | 17.35 | 30.58 | 7.9 | 92.7 | 7.40 | 8.10 | 10:47:57 | 264.60 | 264.6 |
| | | | | 4.3 | 17.34 | 30.58 | 4.3 | 93.6 | 7.47 | 8.11 | 10:49:43 | 274.10 | 274.1 |
| | | | | 3.1 | 17.35 | 30.57 | 4.4 | 94.2 | 7.52 | 8.11 | 10:53:58 | 288.40 | 288.4 |
| | | | | 2.2 | 17.40 | 30.56 | 4.1 | 95.5 | 7.62 | 8.12 | 10:55:43 | 191.50 | 191.5 |
| | | | | 1.3 | 17.42 | 30.55 | 4.2 | 95.8 | 7.64 | 8.12 | 10:56:40 | 43.10 | 43.1 |
| | | | | 7.0 | 17.37 | 30.64 | 18.2 | 91.4 | 7.29 | 8.10 | 10:58:07 | 322.70 | 322.7 |
| | | | | 6.0 | 17.36 | 30.62 | 8.4 | 92.3 | 7.37 | 8.10 | 11:00:07 | 71.30 | 71.3 |
| | | | | 5.1 | 17.35 | 30.60 | 4.8 | 92.7 | 7.40 | 8.11 | 11:01:08 | 245.90 | 245.9 |
| | | | | 3.9 | 17.35 | 30.59 | 5.2 | 93.6 | 7.47 | 8.11 | 11:02:12 | 48.20 | 48.2 |
| | | | | 3.2 | 17.35 | 30.57 | 4.6 | 94.6 | 7.55 | 8.12 | 11:03:10 | 301.50 | 301.5 |
| | | | | 2.2 | 17.39 | 30.56 | 6.7 | 95.2 | 7.60 | 8.11 | 11:04:06 | 55.90 | 55.9 |
| | | | | 1.4 | 17.44 | 30.55 | 6.9 | 95.4 | 7.60 | 8.11 | 11:05:03 | 354.40 | 354.4 |
| | | | | 7.1 | 17.37 | 30.62 | 13.3 | 92.2 | 7.36 | 8.10 | 11:06:36 | 285.80 | 285.8 |
| | | | | 6.1 | 17.37 | 30.63 | 11.8 | 91.9 | 7.33 | 8.10 | 11:08:35 | 11.10 | 11.1 |
| | | | | 5.2 | 17.37 | 30.63 | 11.5 | 91.7 | 7.32 | 8.09 | 11:09:42 | 319.80 | 319.8 |
| | | | | 4.1 | 17.37 | 30.63 | 11.9 | 91.7 | 7.32 | 8.09 | 11:10:39 | 37.60 | 37.6 |
| | | | | 3.1 | 17.36 | 30.62 | 10.8 | 92.3 | 7.37 | 8.10 | 11:11:56 | 260.10 | 260.1 |
| | | | | 2.3 | 17.34 | 30.56 | 5.3 | 94.4 | 7.54 | 8.11 | 11:12:59 | 158.30 | 158.3 |
| | | | | 1.4 | 17.39 | 30.55 | 6.2 | 95.1 | 7.59 | 8.12 | 11:14:29 | 99.00 | 99.0 |

WATER COLUMN PROFILING FOR CMP 2
02-02-2015

| Pos. No. | Easting | Northing | Tide | Depth | Temp. | Salinity | Turbidity(Ntu) | D.O.(%) | D.O.(mg/l) | pH | Time | Speed | Direction |
|----------|----------|----------|---------|-------|-------|----------|----------------|---------|------------|------|----------|-------|-----------|
| Upstream | 814957.4 | 818969.7 | Mid Ebb | 6.9 | 17.31 | 30.52 | 5.1 | 94.0 | 7.51 | 8.10 | 11:31:29 | 0.46 | 88.8 |
| | | | | 6.0 | 17.36 | 30.52 | 6.1 | 95.0 | 7.58 | 8.10 | 11:36:05 | 0.20 | 54.0 |
| | | | | 5.1 | 17.36 | 30.52 | 5.3 | 94.8 | 7.56 | 8.10 | 11:37:50 | 0.34 | 121.6 |
| | | | | 4.4 | 17.35 | 30.53 | 4.7 | 95.2 | 7.60 | 8.10 | 11:39:29 | 0.24 | 251.9 |
| | | | | 3.0 | 17.44 | 30.52 | 4.3 | 96.1 | 7.66 | 8.10 | 11:41:49 | 0.26 | 221.2 |
| | | | | 1.7 | 17.40 | 30.52 | 4.3 | 95.8 | 7.64 | 8.10 | 11:43:21 | 0.73 | 300.8 |
| | | | | 1.0 | 17.43 | 30.52 | 4.3 | 96.3 | 7.67 | 8.11 | 11:44:46 | 0.31 | 82.0 |
| | | | | 7.0 | 17.34 | 30.55 | 5.1 | 94.2 | 7.52 | 8.10 | 11:46:33 | 0.41 | 190.7 |
| | | | | 6.2 | 17.34 | 30.55 | 4.8 | 94.1 | 7.51 | 8.10 | 11:48:11 | 0.27 | 262.5 |
| | | | | 4.7 | 17.34 | 30.55 | 5.3 | 94.4 | 7.53 | 8.10 | 11:49:12 | 0.21 | 253.1 |
| | | | | 4.0 | 17.37 | 30.54 | 5.6 | 95.0 | 7.58 | 8.09 | 11:50:48 | 0.71 | 194.8 |
| | | | | 3.0 | 17.38 | 30.54 | 5.0 | 95.3 | 7.60 | 8.09 | 11:51:55 | 0.91 | 110.4 |
| | | | | 2.2 | 17.44 | 30.54 | 4.6 | 96.0 | 7.65 | 8.09 | 11:53:04 | 0.94 | 284.3 |
| | | | | 1.2 | 17.46 | 30.53 | 4.9 | 96.3 | 7.67 | 8.10 | 11:54:01 | 0.53 | 92.3 |
| | | | | 6.8 | 17.33 | 30.56 | 4.5 | 94.1 | 7.51 | 8.09 | 11:55:17 | 0.39 | 124.3 |
| | | | | 5.9 | 17.33 | 30.57 | 5.0 | 93.7 | 7.48 | 8.08 | 11:57:08 | 0.32 | 44.0 |
| | | | | 5.0 | 17.34 | 30.55 | 4.8 | 94.3 | 7.53 | 8.09 | 11:58:05 | 0.44 | 145.8 |
| | | | | 4.0 | 17.34 | 30.55 | 4.7 | 94.8 | 7.57 | 8.09 | 11:59:31 | 0.60 | 48.3 |
| | | | | 3.1 | 17.36 | 30.54 | 4.5 | 95.3 | 7.60 | 8.09 | 12:00:32 | 0.41 | 70.6 |
| | | | | 2.0 | 17.44 | 30.54 | 4.6 | 96.3 | 7.67 | 8.10 | 12:01:30 | 0.20 | 31.1 |
| | | | | 0.9 | 17.55 | 30.54 | 4.4 | 96.9 | 7.70 | 8.10 | 12:02:27 | 0.93 | 349.1 |
| | | | | 6.9 | 17.33 | 30.57 | 7.1 | 94.4 | 7.53 | 8.09 | 12:03:45 | 0.40 | 94.7 |
| | | | | 5.7 | 17.33 | 30.56 | 7.2 | 94.1 | 7.51 | 8.09 | 12:04:50 | 0.16 | 280.7 |
| | | | | 4.8 | 17.36 | 30.55 | 4.6 | 95.2 | 7.60 | 8.08 | 12:05:59 | 0.41 | 23.0 |
| | | | | 3.7 | 17.41 | 30.54 | 4.1 | 96.3 | 7.68 | 8.09 | 12:07:12 | 1.15 | 113.1 |
| | | | | 2.9 | 17.51 | 30.54 | 4.5 | 97.2 | 7.73 | 8.09 | 12:08:20 | 0.25 | 145.7 |
| | | | | 2.0 | 17.64 | 30.54 | 4.2 | 97.6 | 7.75 | 8.09 | 12:09:16 | 0.31 | 304.8 |
| | | | | 1.0 | 17.65 | 30.54 | 4.2 | 97.7 | 7.75 | 8.09 | 12:10:30 | 0.38 | 84.8 |
| | | | | 7.1 | 17.33 | 30.57 | 8.0 | 94.4 | 7.54 | 8.08 | 12:12:44 | 0.27 | 62.9 |
| | | | | 5.7 | 17.32 | 30.56 | 7.3 | 94.4 | 7.54 | 8.08 | 12:13:42 | 0.21 | 275.9 |
| | | | | 4.8 | 17.36 | 30.55 | 6.2 | 95.1 | 7.59 | 8.08 | 12:16:00 | 0.54 | 126.4 |
| | | | | 3.8 | 17.44 | 30.54 | 4.1 | 96.5 | 7.69 | 8.09 | 12:17:06 | 0.80 | 355.6 |
| | | | | 2.9 | 17.55 | 30.53 | 3.9 | 98.7 | 7.85 | 8.10 | 12:18:06 | 0.57 | 72.5 |
| | | | | 2.0 | 17.63 | 30.53 | 3.9 | 99.4 | 7.89 | 8.10 | 12:21:14 | 0.49 | 267.7 |
| | | | | 1.1 | 17.76 | 30.54 | 3.8 | 99.5 | 7.88 | 8.09 | 12:22:11 | 0.31 | 262.0 |

WATER COLUMN PROFILING FOR CMP 2
02-02-2015

| Suspended Solids (SS) | | Unit | |
|------------------------------|-------------------|--------------------------|------|
| | | Limit of Reporting (LOR) | mg/L |
| Sample date: | Station | | 2 |
| 02-02-2015 | Downstream (WCP1) | REPLICATE 1 | 6.4 |
| 02-02-2015 | Downstream (WCP1) | REPLICATE 2 | 3.9 |
| 02-02-2015 | Downstream (WCP1) | REPLICATE 3 | 11.7 |
| 02-02-2015 | Downstream (WCP1) | REPLICATE 4 | 7.8 |
| 02-02-2015 | Upstream (WCP2) | REPLICATE 1 | 7.5 |
| 02-02-2015 | Upstream (WCP2) | REPLICATE 2 | 6.2 |
| 02-02-2015 | Upstream (WCP2) | REPLICATE 3 | 5.6 |
| 02-02-2015 | Upstream (WCP2) | REPLICATE 4 | 6.6 |